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L15 ANSWER 160 OF 162 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 1997:26288 CAPLUS  
DOCUMENT NUMBER: 126:74876  
TITLE: Preparation of 5-(tetrahydrofuran-3-yl)methyl-4-nitroiminoperhydro-1,3,5-oxadiazine derivatives as insecticides  
INVENTOR(S): Matsuo, Shingo; Wakita, Takeo; Odaka, Kenji; Shiraishi, Shiro  
PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08291171	A2	19961105	JP 1995-95147	19950420
PRIORITY APPLN. INFO.:			JP 1995-95147	19950420
OTHER SOURCE(S):	MARPAT 126:74876			
AB	The title compds. (I; R = C1-3 alkyl), which show a broad spectrum of excellent herbicidal activity in spite of lacking 1-oxidopyridiniomethyl or thiazolylmethyl structure, are prepared Thus, 3-methyl-4-nitroiminoperhydro-1,3,5-oxadiazine was alkylated by tetrahydrofuran-3-nylmethyl mesylate (preparation given) in the presence of K2CO3 in DMF at 80° for 1 h to give 40% I (R = Me). This compound at 100 ppm killed 100% adult Laodelphax striatellus and Nephotettix cincticeps on rice seedlings and adult Spodoptera litura on sweet potato leaves.			
IT	185043-87-2P RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of (tetrahydrofuranylmethyl) (nitroimino)perhydrooxadiazine derivs. as insecticides)			
RN	185043-87-2 CAPLUS			
CN	4H-1,3,5-Oxadiazin-4-imine; tetrahydro-3-methyl-N-nitro-5-[(tetrahydro-3-furanyl)methyl]- (9CI) (CA INDEX NAME)			

